

EXECUTIVE SUMMARY

South Naknek profile

Demographics

South Naknek

Average household size - 3 (1.8 adults and 1.2 children)

Median respondent age – 46

Marital status – 31.4 % married

Mean household income - \$32,286

Respondent gender – 77.1% male, 22.1% female

Travel profile

Respondent mean personal roundtrips to Naknek or King Salmon

Mode of travel	Mean roundtrips
Air taxi	30.7
Private plane	3.0
Skiff or boat	23.2
Snowmachine	1.8
Other vehicle	16.4
TOTAL	75.0

Household mean roundtrips to Naknek or King Salmon

Mode of travel	Mean roundtrips
Air taxi	118.4
Private plane	7.1
Skiff or boat	58.9
Snowmachine	5.0
Other vehicle	29.9
TOTAL	219.3

Population data

According to data provided by the Alaska Department of Community and Economic Development, population for the area surveyed is as follows:

Community	Population	Percent
King Salmon	442	36.2%
Naknek	678	55.5%
South Naknek	102	8.3%
TOTAL	1222	100%

This is encouraging since it reflects our survey data distribution almost exactly.

Based on our average household size measured in this survey of 3.0 we can estimate the number of households in South Naknek, as follows:

$$\text{South Naknek households} = 102 / 3.0 = 34$$

Total cross-river travel

Mean travel totals Between South Naknek and Naknek or King Salmon is as follows:

Mode of travel	Total roundtrips
Air taxi	4,144
Private plane	249
Skiff or boat	2,063
Snowmachine	174
Other vehicle	1,046
TOTAL	7,676

It should be noted that these totals reflect **person-trips**, not vehicle-trips.

Air taxi trips

Mean number of household trips by air taxi = 118.4

Households with zero air taxi trips = 2.6% of households

Mean number of air taxi trips by 1+ trip households = $118.4 / (1 - 0.026) = 121.9$

Air taxi trips paid for by household = $(121.9 * 0.872) = 106.3$

Percent of all air taxi trips paid by household = 87.2%

Mean amount paid per household for air taxi travel = \$3,786.32

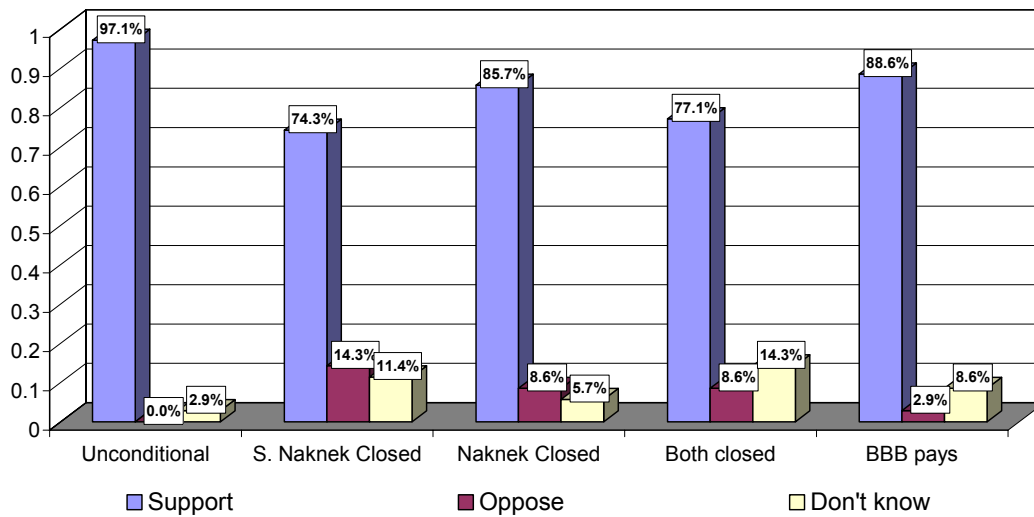
Mean amount paid per trip = $\$3,786.32 / 106.3 = \35.62

Opinion on bridge

Respondents were asked if they support or oppose the construction of a bridge over the Naknek River under the following conditions:

- 1) Unconditionally
- 2) If South Naknek Airport was closed
- 3) If Naknek Airport was closed
- 4) If both South Naknek and Naknek Airports were closed
- 5) If both airports remained open but Bristol Bay Borough provided maintenance and operation costs

Support or oppose bridge if...



Support for a bridge is very strong, passing almost unanimously. It only fails in the event it results in the closure of both airports.